

3. (canceled)
4. (currently amended) A method for determining a data rate for a digital data stream, the digital data stream comprising a plurality of pulses, each pulse having a width, the method comprising:
measuring the width of each pulse from the plurality of pulses;
determining a minimum pulse width by using the measured width of each pulse from the plurality of pulses; and
using the minimum pulse width to infer the data rate.

~~The method of claim 3~~

wherein the step of measuring the width of each pulse from the plurality of pulses comprises the substeps of:

causing a change of voltage across a capacitor for a duration of the pulse resulting in a voltage level of the capacitor for the pulse; and
measuring the voltage level of the capacitor.

5. (original) The method of claim 4 wherein the step of determining the minimum pulse ^{by using the measured width of each pulse from} width ~~for~~ the plurality of pulses comprises the substep of:
determining a maximum voltage level for the plurality of pulses.

6. (currently amended) A method for determining a data rate for a digital data stream, the digital data stream comprising a plurality of pulses, each pulse having a width, the